

Figure 1

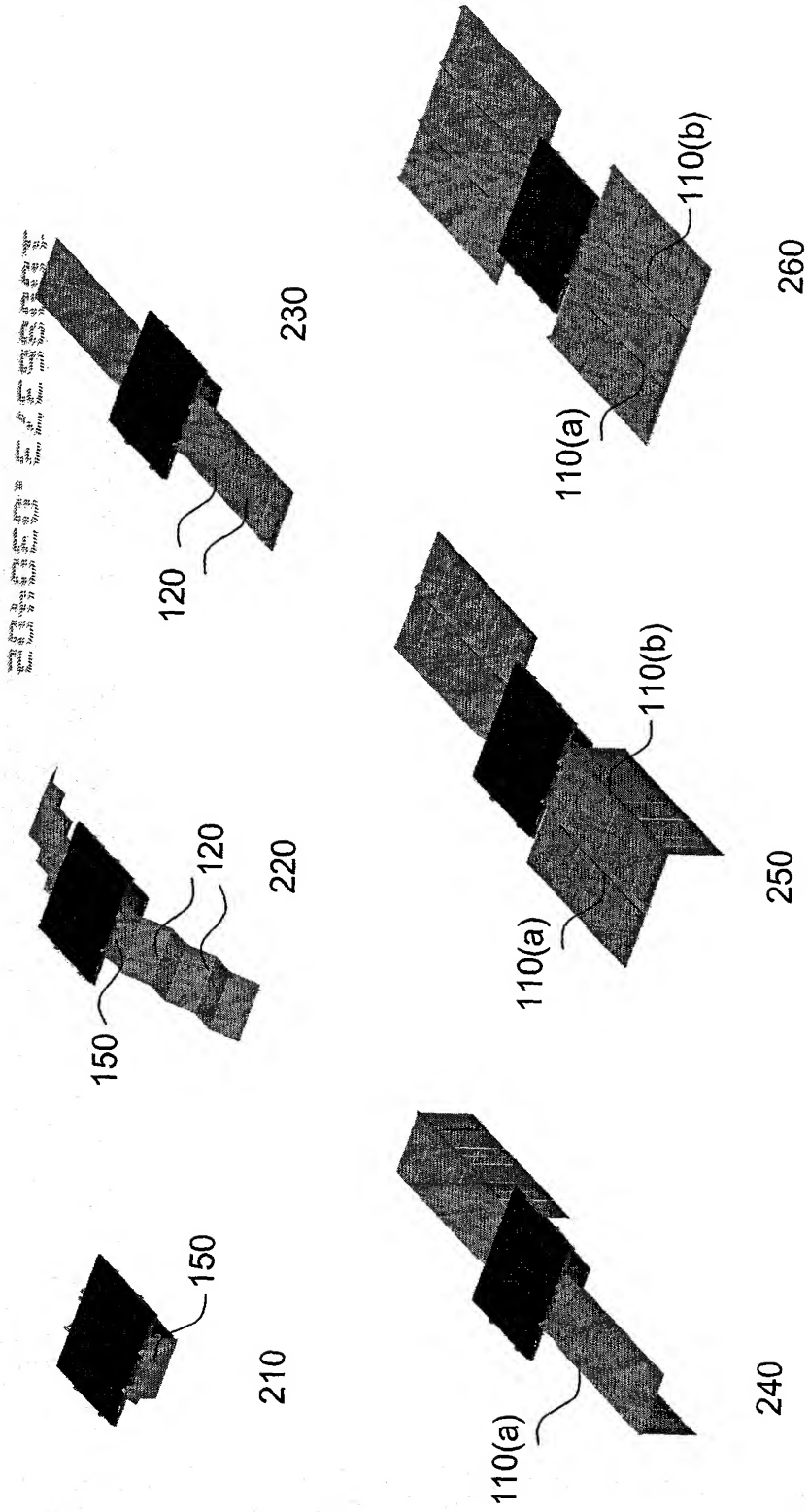


Figure 2

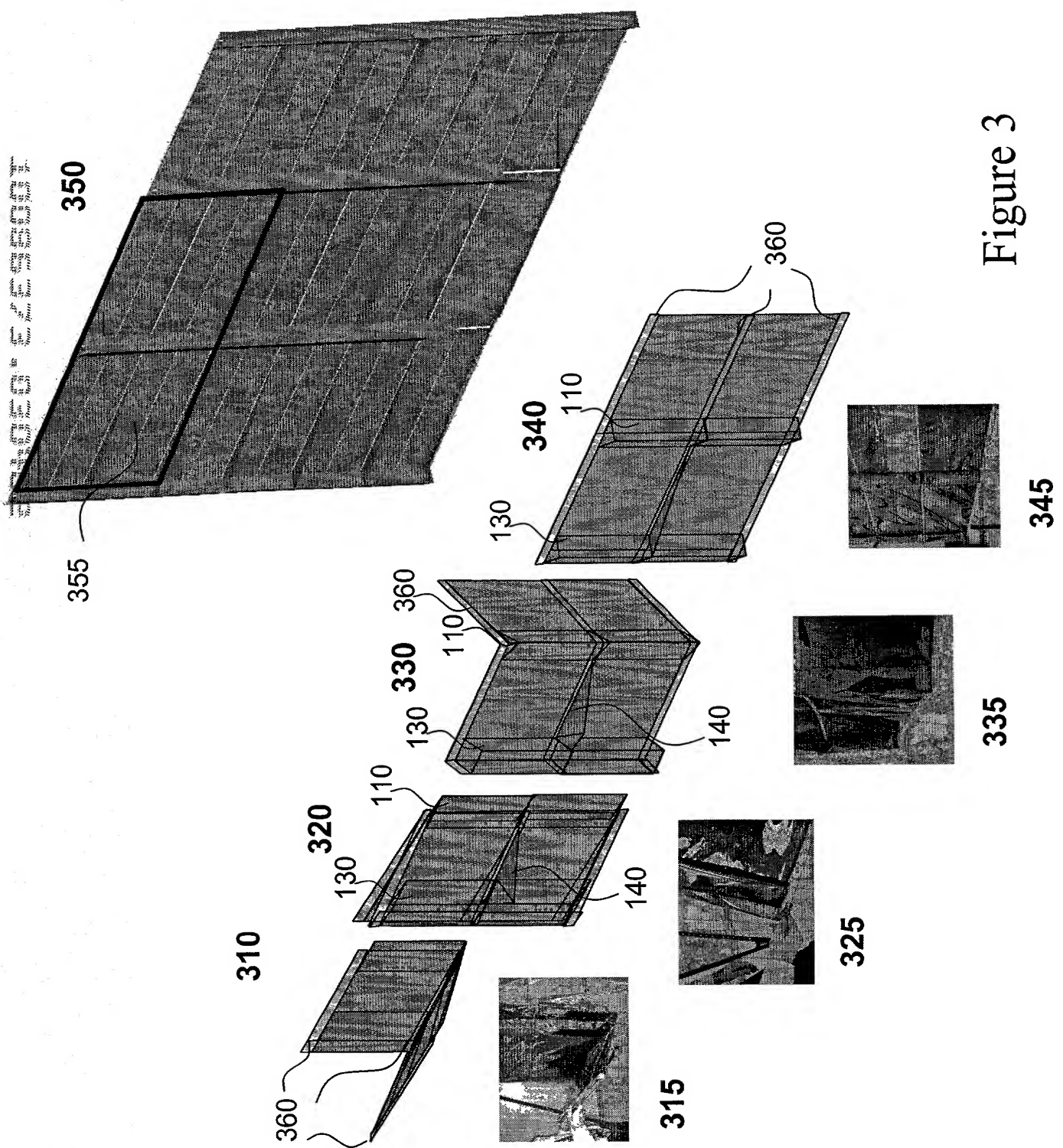


Figure 3

Figure 4

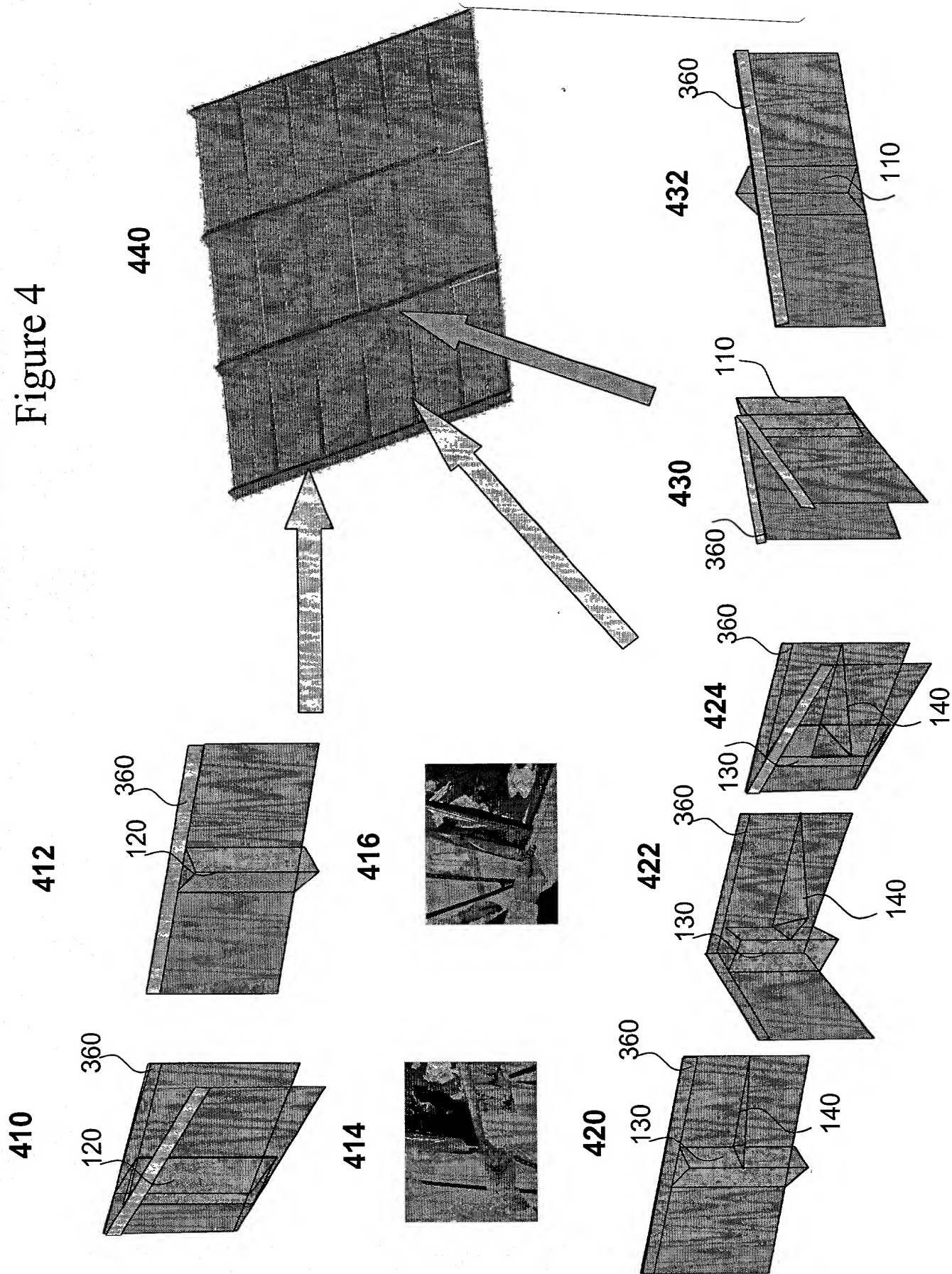
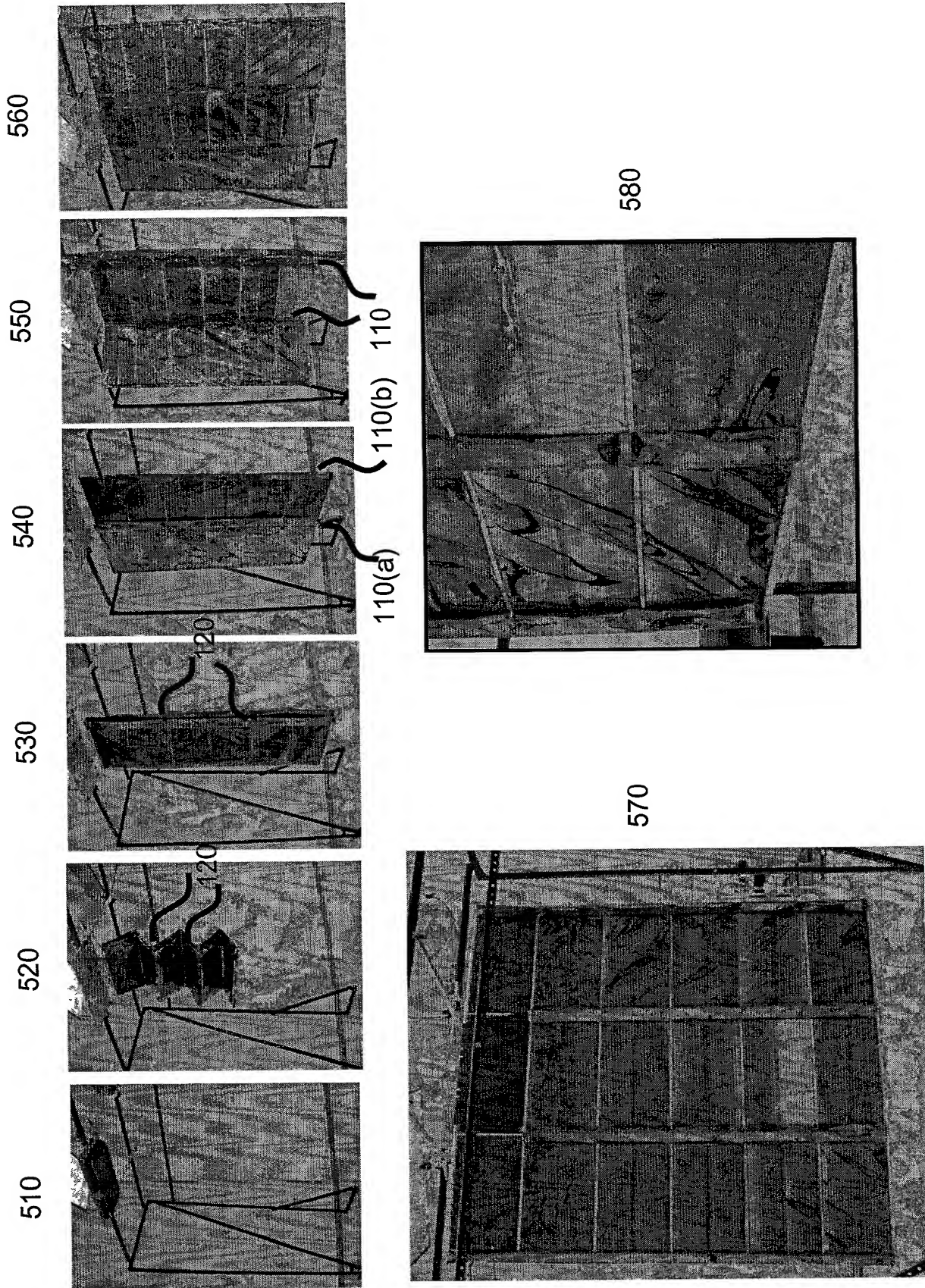




Figure 5



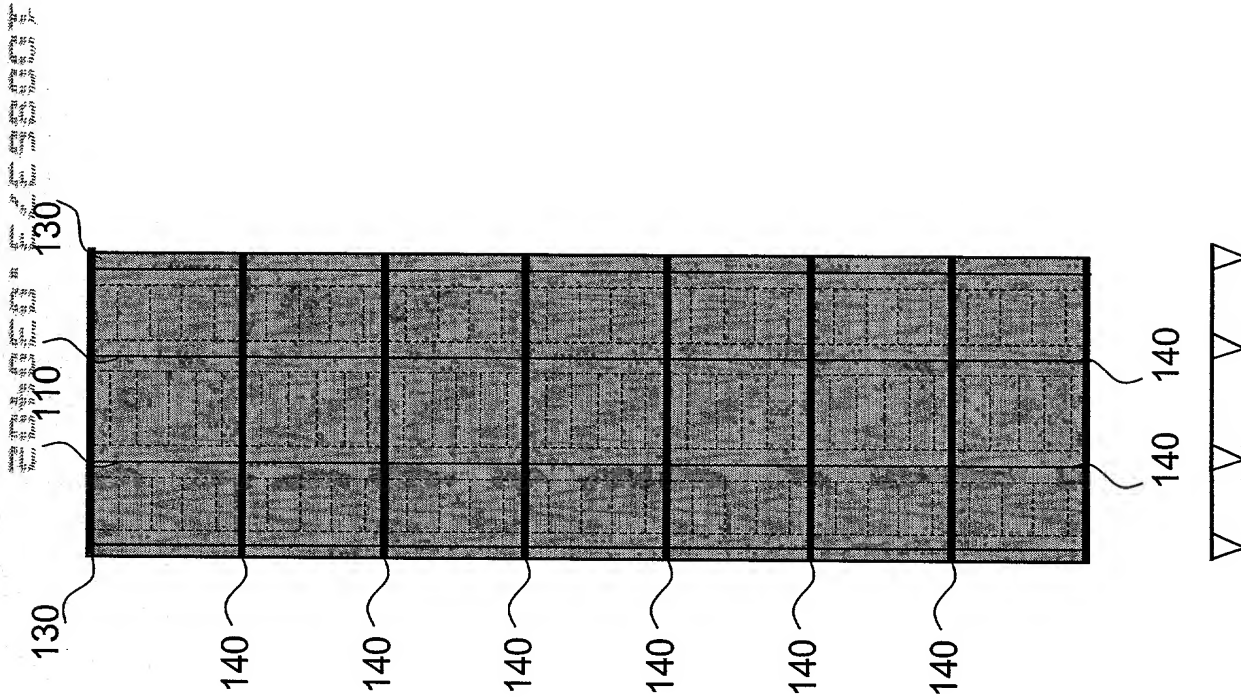


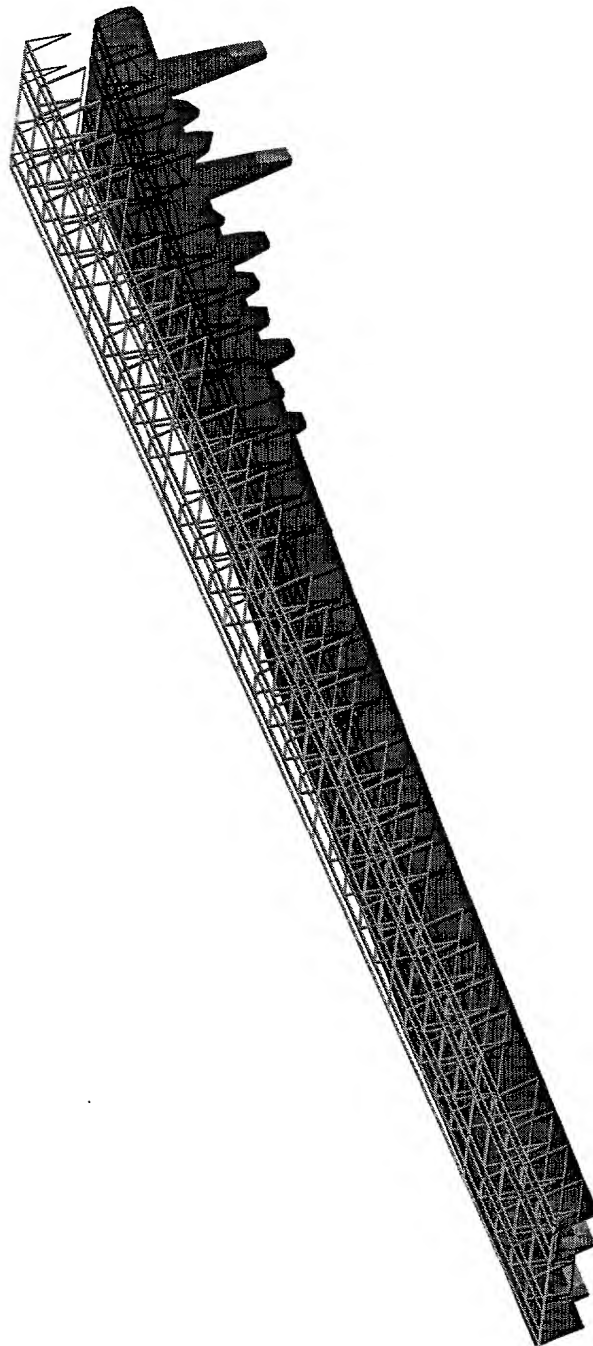
Figure 6



Figure 7

# First Fundamental Frequency of 0.48 Hz

MODE: 29 FREQ: 0.4857015  
 STRAIN ENERGY - MAG MIN: 0.00E+00 MAX: 1.00E+00  
 RESULTS: 49-B.C. 1 NORMAL MODE 29, DISPLACEMENT\_49  
 MODE: 29 FREQ: 0.4857015  
 DISPLACEMENT - MAG MIN: 0.00E+00 MAX: 3.74E+01  
 CRITERION: ABOVE : 0.00E+00



VALUE OPTION: ACTUAL  
 SHELL SURFACE: MIDDLE  
 1.00D+00

9.00D-01  
 8.00D-01  
 7.00D-01  
 6.00D-01  
 5.00D-01  
 4.00D-01  
 3.00D-01  
 2.00D-01  
 1.00D-01  
 0.00D+00

Figure 8



# First Fundamental Frequency of 0.43 Hz

MODE: 1 FREQ: 0.4360792  
 STRAIN ENERGY - MAG MIN: 0.00E+00 MAX: 5.35E-01  
 RESULTS: 1-BC, 1-NORMAL, MODE 1, DISPLACEMENT 1  
 MODE: 1 FREQ: 0.4360792  
 DISPLACEMENT - MAG MIN: 0.00E+00 MAX: 7.96E+00  
 CRITERION: ABOVE : 0.00E+00

VALUE OPTION: ACTUAL  
 SHELL SURFACE: TOP  
 5.35D-01

- 4.81D-01
- 4.28D-01
- 3.74D-01
- 3.21D-01
- 2.67D-01
- 2.14D-01
- 1.60D-01
- 1.07D-01
- 5.35D-02
- 0.00D+00

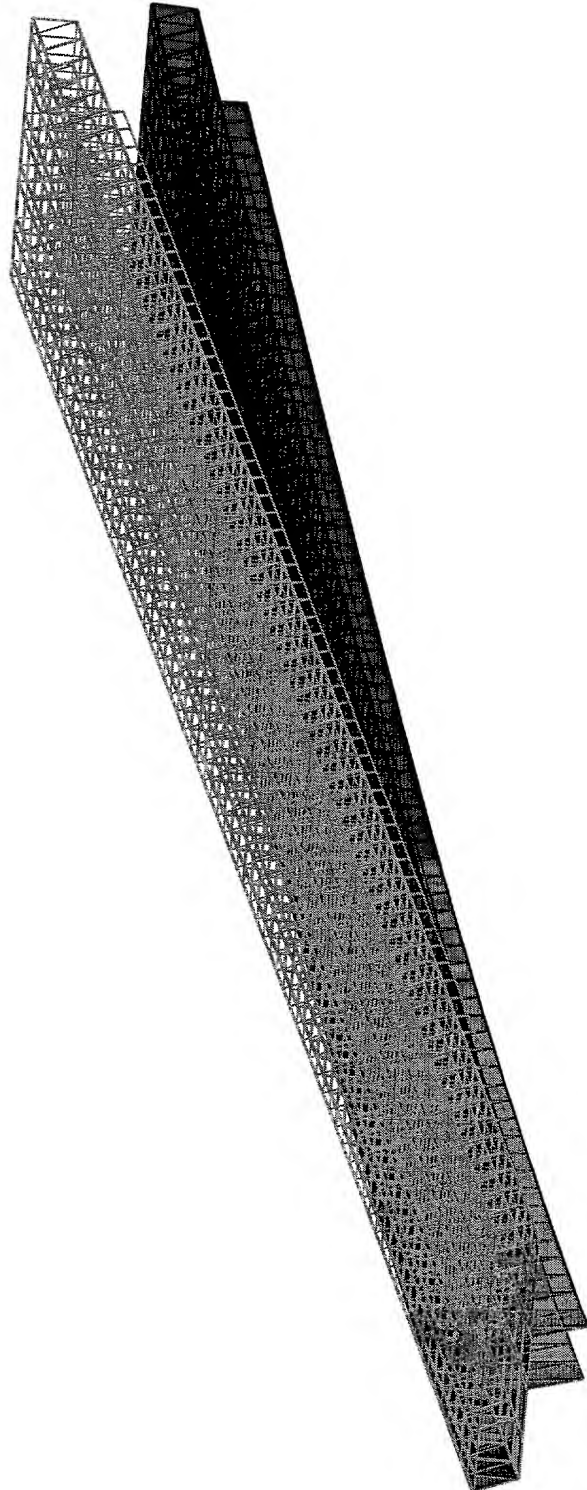


Figure 9

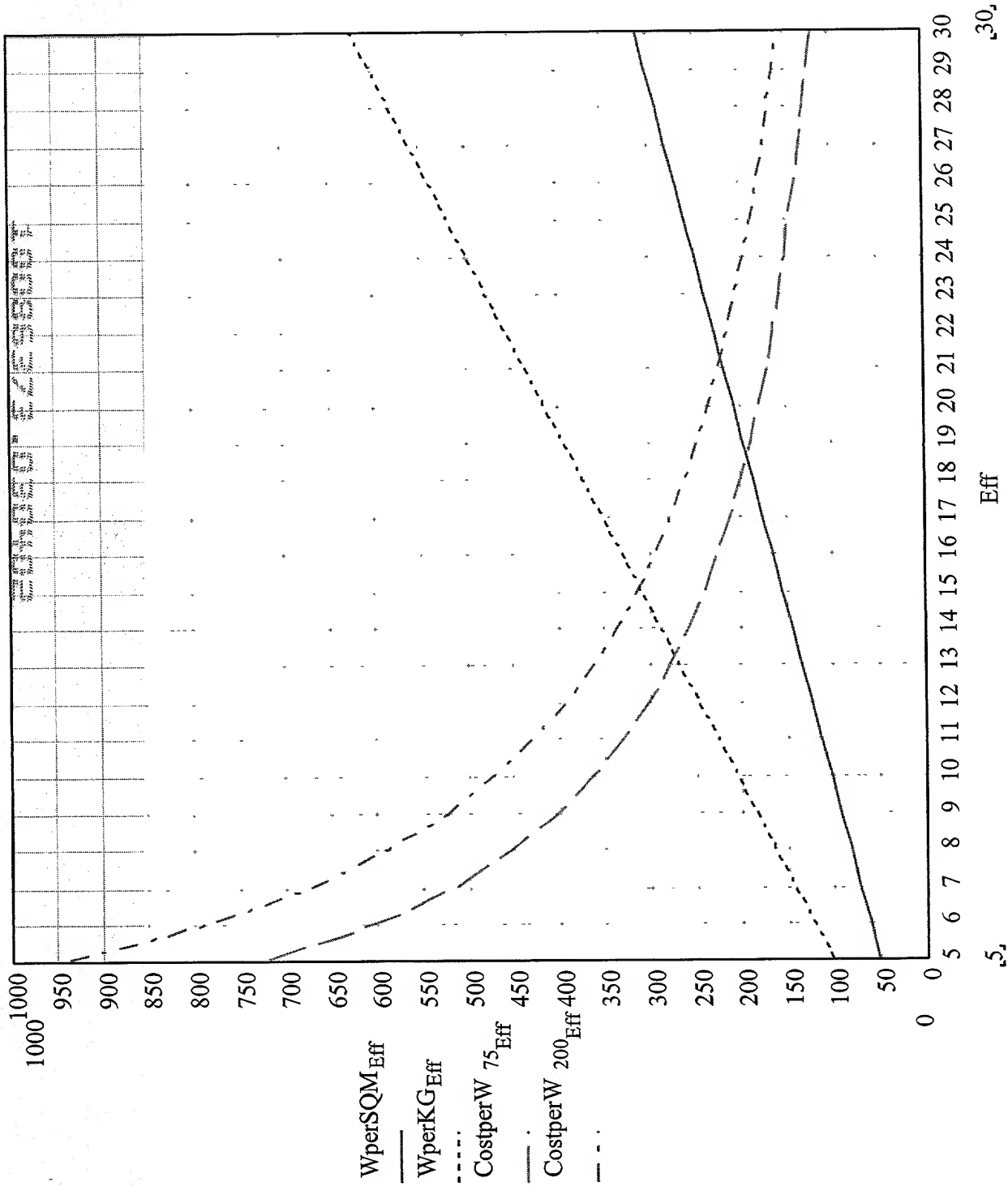


Figure 10

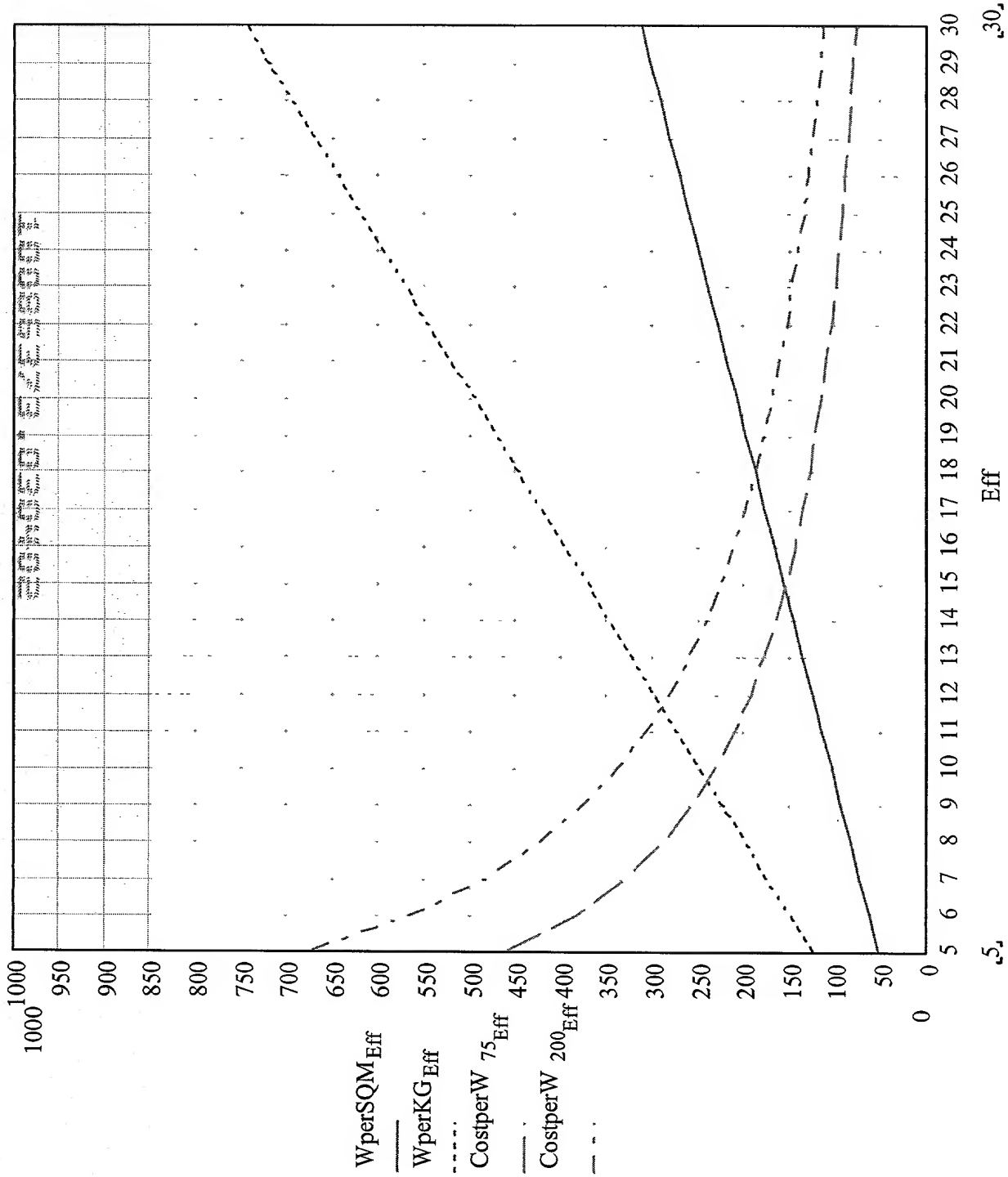


Figure 11

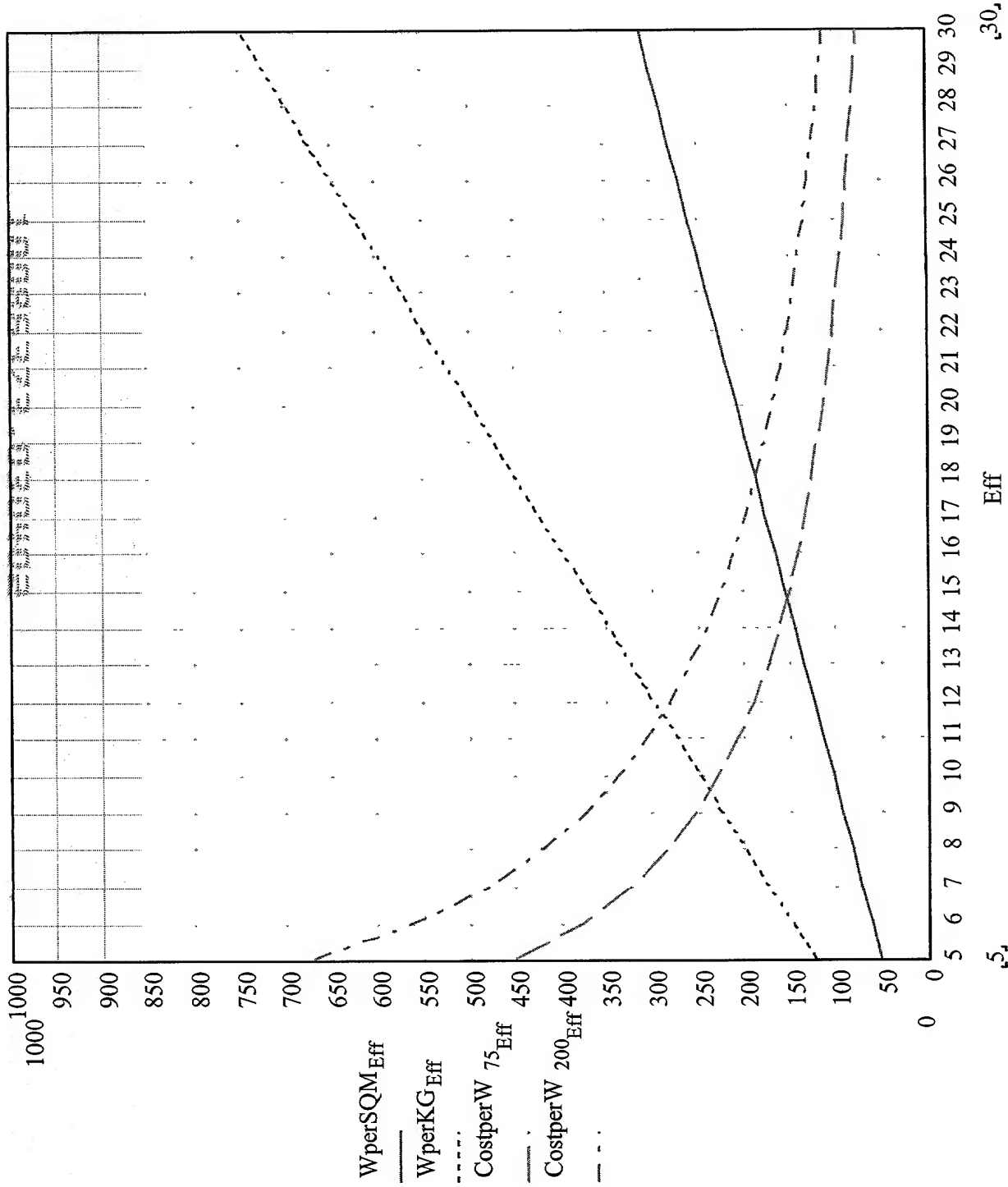


Figure 12